January 2015
900656-001 Rev. 01

TouchTunes

Product Information

Wireless Microphone Receiver and Two Microphones Kit

About This Document

This document is intended for Operators of TouchTunes Virtuo SmartJukes running Karaoke events, TouchTunes Field Service, Customer Support, and Sales personnel.

It provides information about the TouchTunes Wireless Microphone Receiver and Wireless Karaoke Microphones, provided as kits, with the TouchTunes parts numbers as follows:

Mic Pair	Color	TouchTunes part #
AB	Red / Blue	600157-001
CD	Green / Gold	600157-002
EF	Black / Silver	600157-003

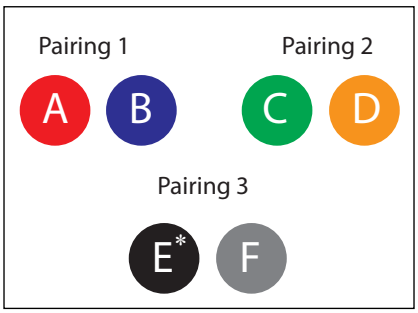
Included in this Kit

Verify that your kit includes all of the following items:

Quantity	Description
1	Wireless Microphone Receiver
2	Wireless Karaoke Microphone
4	9-volt batteries
1	Wireless Microphone Receiver and Two Microphones Kit Product Information Guide (this document)

Microphone Frequency Pairs

In order to reduce the possibility of interference with other locations (or a second Karaoke installation within a single location), TouchTunes Karaoke has three distinct frequency pairings of microphones and wireless microphone receivers.



** The black ring might be hard to see, due to the microphone being black, so if you do not see a colored ring, you may safely assume that your microphone has a black ring.*

Each wireless receiver is pre-configured to operate with two microphones of a set frequency. The microphones within a pairing are color coded with a ring around the center.

To make sure you received the correct microphones, look on the back of the wireless receiver for two colored stickers that will show you the colors of the two microphones that it is set to work with. The wireless receiver and the wireless microphones' frequencies are set at the factory, and cannot be changed, so as long as the stickers on the receiver match the microphones, then they are set to function together.

Installing the Batteries

To install the batteries into each microphone, simply unscrew the bottom of the microphone, and insert a 9V battery into the opening, being careful to line up the poles of the battery appropriately, and then pushing it in until it snaps into place. Then, screw the bottom of the microphone back on. TouchTunes recommends using Energizer® batteries with these microphones.

Using the Wireless Microphones

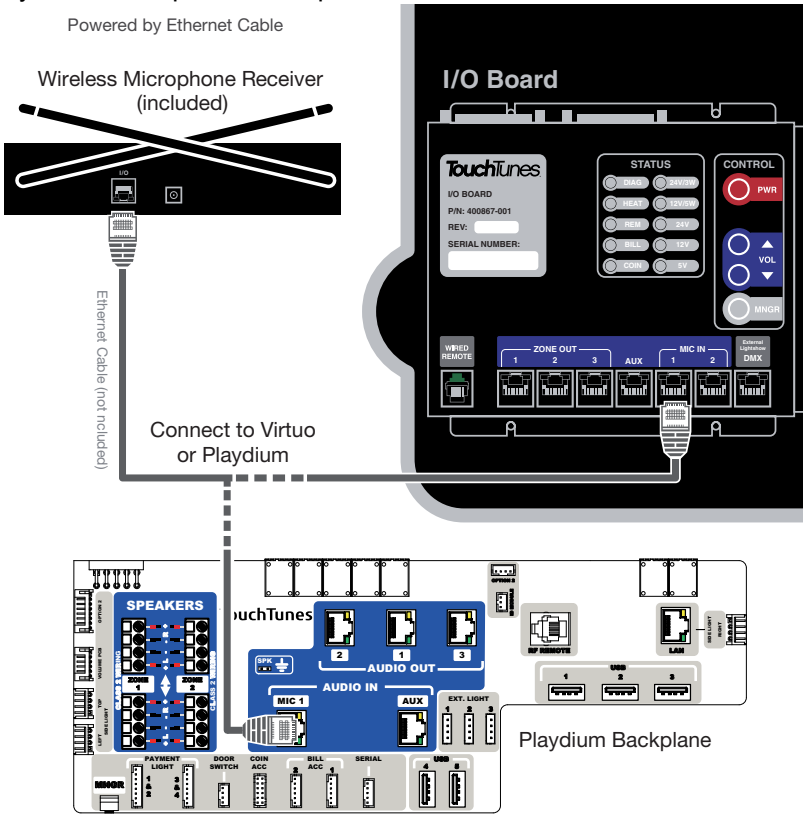
Before they can be used, each microphone must be turned on, using the single switch along the side of the microphone. If the battery was installed properly and still has enough power left, the red light near the switch will flash once.

Installing the Wireless Microphone Receiver

Before proceeding, turn off the main power to the jukebox.

1. Consider the following caveats, then determine where you will be placing the wireless microphone receiver.
   - The receiver should be placed in a location where patrons will not be able to access it.
   - The wireless microphone receiver does <u>not</u> require an additional power source, as power is supplied over the ethernet cable that connects to the jukebox.
   - There should be no obstructions between the wireless microphone receiver and where the performers will be positioned when singing.
   - Although unlikely, the location may need to adjust the gain on the wireless microphone receiver.
2. After you select a location for the receiver, connect it to the jukebox using a Cat-5 Ethernet cable (which you should cut to the appropriate length, and then crimp RJ-45 connectors onto.) The cable connects to Virtuo's I/O board or Playdium's backplane in the port labeled ***Mic 1***.

Wireless Microphone Receiver



3. The Cat-5 cable exits the jukebox through one of its cable channels.
4. Once the wireless microphone receiver is installed and connected, using the knobs on the front of the receiver, set the volume (gain) for both microphones all the way down to **0**.
5. Turn on the jukebox and wait for it to finish booting up.
6. On the Karaoke Remote Control, press the '*' button to switch to Karaoke mode, then select Yes when asked if you want to switch to TouchTunes Karaoke.
7. Queue up 3 to 4 songs.
8. Turn on both microphones, and position them where the patrons will be singing.
9. When the music begins playing, raise the gain of the two microphones slowly on the wireless microphone receiver until you start hearing feedback. This represents the maximum gain you should apply to both channels.

*See the full **900587-001 Karaoke Installation and Setup Guide** for more information on setting up the rest of the Karaoke Kit, and organizing Karaoke events.*

Contacting TouchTunes Support

If you need help with or have questions about this document, contact TouchTunes by:

- Using the email links on the Contacts page on the TouchTunes Dashboard at https://operator.touchtunes.com.
- Calling TouchTunes 24/7 Service Hotline at 847-353-1954.

To help us assist you more effectively with problem reports, the following information may be required when contacting TouchTunes Support:

- SmartJuke ID.
- The serial number of any component you believe to be defective.
- The date/time of the problem.
- Actions performed immediately before the problem occurred.

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